

## WEST Search History

DATE: Friday, November 05, 2004

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
		<i>DB=EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L4	L3 and iso\$1electronic	31
<input type="checkbox"/>	L3	scintillat\$ or phosphor or phosphoresc\$ or \$6luminesc\$ or (light\$1emit\$) or (light emit\$)	253867
<input type="checkbox"/>	L2	(cds! or (cadmium sul?\$1ide)) adj3 ((in.m/c. or indium) near3 (te or tellurium or ag or silver or na or sodium))	9
<input type="checkbox"/>	L1	(cds! or (cadmium sul?\$1ide)) adj (in.m/c. or te or indium or tellurium)	37

END OF SEARCH HISTORY

## WEST Search History





DATE: Friday, November 05, 2004

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
	<i>DB=EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L6	iso\$1electric near5 trap	5
<input type="checkbox"/>	L5	L4 or l3 or l2	3
<input type="checkbox"/>	L4	(znte or ((zn or zinc) adj telluride)) adj (mg or magnesium)	1
<input type="checkbox"/>	L3	(zno or ((zn or zinc) adj oxide)) adj ((ga or gallium) near (s or sul?\$lide or sul?\$1ur))	1
<input type="checkbox"/>	L2	(cds! or((cd or cadmium) adj sul?\$lide)) adj ((in.m/c. or indium) near (te or tellur\$))	1
<input type="checkbox"/>	L1	cds?in?te or cds?te?in or zno?ga?s or zno?s?ga or znte\$mg\$	1

END OF SEARCH HISTORY

*iso \$1 electric near 5 trap*

## WEST Search History





DATE: Friday, November 05, 2004

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
		<i>DB=EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L11	L10 and l6	21
<input type="checkbox"/>	L10	(cds! or ((cd! or cadmium) near5 sul?\$1ide)) near5 (in.m/c. or indium or ga! or gallium or al or aluminum) near5 (te or tellurium or ag or silver or na or sodium or li or lithium)	75
<input type="checkbox"/>	L9	L8 and l6	111
<input type="checkbox"/>	L8	(cds! or ((cd! or cadmium) near5 sul?\$1ide)) and (in.m/c. or indium or ga! or gallium or al or aluminum) and (te or tellurium or ag or silver or na or sodium or li or lithium)	1091
<input type="checkbox"/>	L7	L6 and (in.m/c. or indium or ga! or gallium or al or aluminum or si or silicone or s or sul?\$1ide or se or selenium) and (te or tellurium or ag or silver or na or sodium or li or lithium or mg or magesnium or p or phosphor\$1us or n or nitrogen or s or sul?\$1ide)	2642
<input type="checkbox"/>	L6	l5 not l4	4047
<input type="checkbox"/>	L5	L3 and (\$1oluminesc\$ or phosphoresc\$ or phosphor or (light near5 emit\$))	4060
<input type="checkbox"/>	L4	L3 and scintillat\$	42
<input type="checkbox"/>	L3	(L2 or l1)	65248
<input type="checkbox"/>	L2	((zn or zinc) adj (oxide or nitride)) or ((cd! or cadmium) adj sul?\$1ide) or ((zn or zinc) adj telluride) or ((pb or lead or in.m/c. or indium or cu or cooper) adj \$3iodide)	30131
<input type="checkbox"/>	L1	zno or cds! or pbi2 or hgi2 or cui or znte or gan	41895

END OF SEARCH HISTORY

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
1	BRS	L1	117	iso\$electronic with (trap or dopant or doping)	USPA T; US-P GPUB	2004/11/0 5 11:53			0
2	BRS	L2	0	1 and 25743,87,86,76.ccls.	USPA T; US-P GPUB	2004/11/0 5 11:54			0
3	BRS	L3	19	1 and 257/43,87,86,76.ccls.	USPA T; US-P GPUB	2004/11/0 5 11:58			0
4	BRS	L4	98	1 not 3	USPA T; US-P GPUB	2004/11/0 5 11:58			0
5	BRS	L5	30	4 and (zno or cds! or gan or znte or cui or pbi?sub.2 or hgi?sub.2)	USPA T; US-P GPUB	2004/11/0 5 12:05			0
6	BRS	L6	1	5231298.pn.	USPA T; US-P GPUB	2004/11/0 5 12:04			0
7	BRS	L7	68	4 not 5	USPA T; US-P GPUB	2004/11/0 5 12:06			0

	Type	L #	Hits	Search Text	DBs	Time Stamp	C o m m e n t s	E r r o r s
1	BRS	L7	17	252/301.6s.ccls. and (cds! with (in.m/c. or indium))	USPA T; US-P GPUB	2004/11/0 5 11:14		0
2	BRS	L8	11	252/301.6s.ccls. and (cd?sub.\$ with s with (in.m/c. or indium))	USPA T; US-P GPUB	2004/11/0 5 11:08		0
3	BRS	L9	38	252/301.6s.ccls. and ((cd! or cadmium) with sul?\$lide with (in.m/c. or indium))	USPA T; US-P GPUB	2004/11/0 5 11:14		0
4	BRS	L10	50	7 or 8 or 9	USPA T; US-P GPUB	2004/11/0 5 11:09		0
5	BRS	L11	4521	(cds! with (in.m/c. or indium))	USPA T; US-P GPUB	2004/11/0 5 11:17		0
6	BRS	L12	2016	((cd! or cadmium) with sul?\$lide with (in.m/c. or indium))	USPA T; US-P GPUB	2004/11/0 5 11:14		0
7	BRS	L13	80	(cds! adj3 (in.m/c. or indium))	USPA T; US-P GPUB	2004/11/0 5 11:15		0
8	BRS	L14	78	13 not 10	USPA T; US-P GPUB	2004/11/0 5 11:15		0
9	BRS	L15	194	cds! with (in.m/c. or indium) with (te or tellurium or ag or silver or na or sodium)	USPA T; US-P GPUB	2004/11/0 5 11:18		0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
10	BRS	L16	186	15 not 10	USPA T; US-P GPUB	2004/11/05 11:18			0
11	BRS	L17	2	cds! adj3 ((in.m/c. or indium) near5 (te or tellurium or ag or silver or na or sodium))	USPA T; US-P GPUB	2004/11/05 11:19			0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
1	BRS	L1	3	5399185.pn. or 4420444.pn. or 3534211.pn.	USPA T; US-P GPUB	2004/11/0 5 09:38			0
2	BRS	L2	833	(cds! or ((cd! or cadmium) near sul?\$lide)) with (in.m/c. or indium) with (na or sodium or ag or silver or te or telluride)	USPA T; US-P GPUB	2004/11/0 5 09:39			0
3	BRS	L3	11	(cds! or ((cd! or cadmium) near sul?\$lide)) adj ((in.m/c. or indium) near (na or sodium or ag or silver or te or telluride))	USPA T; US-P GPUB	2004/11/0 5 09:40			0
4	BRS	L4	24	(zno or ((zn or zinc) near oxide)) adj ((ga or gallium) near (s or sul?\$lur or sul?\$lide or n or nitrogen or nitride or p! or phosphor\$lus))	USPA T; US-P GPUB	2004/11/0 5 09:42			0
5	BRS	L5	3	(gan or ((ga or gallium) near nitride)) adj ((mg or magnesium) near (s or sul?\$lur or sul?\$lide or ge or germanium or si or silicon or se or seleni\$))	USPA T; US-P GPUB	2004/11/0 5 09:43			0
6	BRS	L6	38	3 or 4 or 5	USPA T; US-P GPUB	2004/11/0 5 10:00			0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Errors
7	BRS	L7	9175	(znte or ((zn or zinc) near\$ telleride)) adj (mg or magnesium)	USPA T; US-P GPUB	2004/11/05 10:01		0
8	BRS	L8	4	(znte or ((zn or zinc) near telleride)) adj (mg or magnesium)	USPA T; US-P GPUB	2004/11/05 10:02		0
9	BRS	L9	3	8 not 6	USPA T; US-P GPUB	2004/11/05 10:02		0

11 (150\$1 Uclonic with traps)